

ROBERT E. BUSHNELL\*†

JOSEPH G. SEEBER\*  
MATTHEW J. LESTINA\*  
SARVADVINDER S. SAHOTA\*  
JONG H. PARK‡  
FRANK J. DYND‡\*

OF COUNSEL  
RICHARD H. STERNO  
HENRY M. ZYKORIE

MICHAEL D. PARKER  
(REG. PATENT AGENT)

† ADMITTED IN MARYLAND  
◦ ADMITTED IN VIRGINIA  
‡ ADMITTED IN NEW YORK  
¤ ADMITTED IN CONNECTICUT  
\* ADMITTED IN NEW JERSEY  
• NOT ADMITTED IN D.C.

R. E. BUSHNELL

ATTORNEY AT LAW

1522 K STREET, N.W., SUITE 300  
WASHINGTON, D.C. 20005-1202  
UNITED STATES OF AMERICA

19 April 2004

INTELLECTUAL PROPERTY LAW

TELEPHONE (202) 408-9040  
FACSIMILE (202) 289-7100  
FACSIMILE (202) 628-3835  
FACSIMILE (410) 747-0022  
E-MAIL: REBUSHNELL@AOL.COM

- U.S. Postal Service  
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 Please Acknowledge Receipt

Mail Stop Patent Application  
Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Attorney Docket: P57054

Sir:

Submitted herewith is the following patent application:

Inventor: (1) SUNG-HOON KIM (3) DOO-YONG YANG  
(2) TAI-YOON LEE

Title: PRIVATE EV-DO SYSTEM SHARING PUBLIC NETWORK  
DATA LOCATION REGISTER AND DATA SERVICE METHOD

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 7 sheets, Figures 1 through 7

Claim of priority under 35 U.S.C. §119: YES  
\*\* The Republic Of Korea Application No. 2003-27342 filed 29 April 2003

FEE (see formula below): CHECKS ENCLOSED (#45531, 45532)

Basic Fee \$385/770 ..... \$770.00

Additional Fees:

Total number of claims in excess of 20: \_\_\_\_ times \$9/18 . \$0.00

Number of independent claims in excess of 3: \_\_\_\_ times \$43/86 ..... \$0.00

Multiple Dependent Claims \$145/290 ..... \$0.00

An Assignment is likewise enclosed: Recording Fee \$40 .. \$40.00

Filing Non-English specification ..... \$0.00

**TOTAL FEES FOR THE ABOVE APPLICATION .....** **\$810.00**

17548 U.S.PTO  
10/826370  
041904

Commissioner for Patents  
19 April 2004  
Page Two

Docket No.: P57054

**Inventor:** (1) SUNG-HOON KIM (3) DOO-YONG YANG  
(2) TAI-YOON LEE

**Title:** **PRIVATE EV-DO SYSTEM SHARING PUBLIC NETWORK  
DATA LOCATION REGISTER AND DATA SERVICE METHOD**

The Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the issue fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005-1202

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell  
(Registration No. 27,774)  
Payor No.: 008-439  
Attorney for the Applicant  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005-1202

Telephone: (202) 408-9040  
Telefacsimile: (202) 289-7100

REB/kf

13281

041904

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEES TRANSMITTAL**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 810.00)

Complete If Known	
Application Number	to be assigned
Filing Date	19 April 2004
First Named Inventor	Sung-Hoon KIM et al.
Examiner Name	to be assigned
Group/Art Unit	to be assigned

Attorney Docket No. P57054

**METHOD OF PAYMENT (check one)**1.  The Commissioner is hereby authorized to charge any deficiency and credit any over payments to:**3. ADDITIONAL FEES**

Deposit Account Number: 02-4943

Large Entity Small Entity

Deposit Account Number: \_\_\_\_\_

Fee Fee Fee Fee

Code (\$ Code (\$)) (\$)

**Fee Description****Fee Paid** Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

1051 130 2051 65 Surcharge-late filing fee or oath \$

 Applicant claims small entity status. See 37 CFR 1.27

1052 50 2052 25 Surcharge-late provisional filing fee or cover sheet \$

1053 130 1053 130 Non-English specification \$

1812 2,520 1812 2,520 For filing a request for reexamination \$

2.  Payment Enclosed:

1804 920\* 1804 920\* Requesting publication of SIR prior to Examiner action \$

(CHECKS #45531 &amp; #45532)

1805 1,840\* 1805 1,840\* Requesting publication of SIR after Examiner action \$

 Check  Credit Card  Money Order  Other

1251 110 2251 55 Extension for reply within first month \$

**FEE CALCULATION**

1252 420 2252 210 Extension for reply within second month \$

**1. BASIC FILING FEE**

1253 950 2253 475 Extension for reply within third month \$

Large Entity Small Entity

1254 1,480 2254 740 Extension for reply within fourth month \$

Fee Fee Fee Fee

Code (\$ Code (\$)) (\$)

Fee Description

Fee Paid

1001 770 2001 385 Utility filing fee \$770.00

1255 2,010 2255 1,005 Extension for reply within fifth month \$

1002 340 2002 170 Design filing fee \$

1401 330 2401 165 Notice of Appeal \$

1003 530 2003 265 Plant filing fee \$

1402 330 2402 165 Filing a brief in support of an appeal \$

1004 770 2004 385 Reissue filing fee \$

1403 290 2403 145 Request for oral hearing \$

1005 160 2005 80 Provisional filing fee \$

1451 1,510 1451 1,510 Petition to institute a public use proceeding \$

**SUBTOTAL (1) (\$ 770.00)**

1452 110 2452 55 Petition to revive - unavoidable \$

**2. EXTRA CLAIM FEES**

1453 1,330 2453 665 Petition to revive - unintentional \$

Extra Extra Fee from Fee

Claims below Paid

Total claims -20\*\* = x =

1501 1,330 2501 665 Utility issue fee (or reissue) \$

Independent - 3\*\* = x =

1502 480 2502 240 Design issue fee \$

Claims

1503 640 2503 320 Plant issue fee \$

Multiple Dependent =

1460 130 1460 130 Petitions to the Commissioner \$

\*\* or number previously paid, if greater; For Reissues, see below

1807 50 1807 50 Processing fee for provisional applications \$

Large Entity Small Entity

1806 180 1806 180 Submission of Information Disclosure Statement \$

Fee Fee Fee Fee

Code (\$ Code (\$)) (\$)

Fee Description

Fee Paid

1201 86 2201 43 Independent claims in excess of 3

1809 770 2809 385 Filing a submission after final rejection \$

1202 18 2202 9 Claims in excess of 20

(37 C.F.R. §1.129(a)) \$

1203 290 2203 145 Multiple dependent claim, if not paid

1810 770 2810 385 For each additional invention to be examined \$

1204 86 2204 43 \*\* Reissue independent claims over

(37 C.F.R. §1.129(b)) \$

original patent

1801 770 2801 385 Request for Continued Examination (RCE) \$

1205 18 2205 9 \*\* Reissue claims in excess of 20 and

over original patent

Other Fee (specify) \$

Over original patent

Other Fee (specify) \$

**SUBTOTAL (2) (\$ 0.00)**

\*\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) \$40.00****SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name

Robert E. Bushnell, Esq.

Reg. Number

27,774

Signature

Date

19 April 2004

Deposit Account User ID

REB/kf

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

SUNG-HOON KIM *et al.*

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 19 April 2004

Art Unit: *to be assigned*

For: PRIVATE EV-DO SYSTEM SHARING PUBLIC NETWORK DATA LOCATION  
REGISTER AND DATA SERVICE METHOD

**TRANSMITTAL OF PROPRIETARY MATERIAL UNDER MPEP §724**

**Mail Stop Patent Application**

Commissioner for Patents

P.O.Box 1450

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the following two U.S. patent applications, which are concurrently submitted with the present application, as "PROPRIETARY MATERIAL NOT OPEN TO PUBLIC. TO BE OPENED ONLY BY EXAMINER OR OTHER AUTHORIZED U.S. PATENT AND TRADEMARK OFFICE EMPLOYEE" for consideration under MPEP §724.

#1

In re Application of: Jun-Hyuk LEE

Application No.: *to be assigned* (Applicant's Attorney's Docket No. P57051)

Field: 19 April 2004

For: *PERFORMING TERMINAL AUTHENTICATION AND CALL PROCESSING IN  
PRIVATE WIRELESS HIGH-SPEED DATA SYSTEM*

TC Art Unit: *to be assigned*

Examiner: *to be assigned*

#2

In re Application of: Jun-Hyuk LEE

Application No.: *to be assigned* (Applicant's Attorney's Docket No. P57053)

Field: 19 April 2004

For: *PRIVATE WIRELESS HIGH-SPEED DATA SYSTEM AND DATA SERVICE*

*METHOD*

TC Art Unit: *to be assigned*  
Examiner: *to be assigned*

The materials in the accompanying envelope are considered proprietary, and are being submitted for consideration under MPEP § 724.

**It is respectfully requested that the above-listed Applications be maintained confidential pursuant to 37 U.S.C. §122. No waiver of the statutory right of secrecy is granted or implied by the disclosures of the above-listed Applications in the accompanying Information Disclosure Statement.**

Respectfully submitted,



Robert E. Bushnell  
Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
Area Code: 202-408-9040

Folio: P57054  
Date: 19 April 2004  
I.D.: REB/kf

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

SUNG-HOON KIM *et al.*

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 19 April 2004

Art Unit: *to be assigned*

For: PRIVATE EV-DO SYSTEM SHARING PUBLIC NETWORK DATA LOCATION  
REGISTER AND DATA SERVICE METHOD

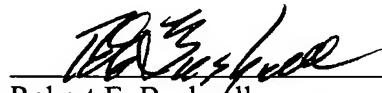
**TRANSMITTAL OF DECLARATION**

**Mail Stop Patent Application**  
Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell,  
Attorney for the Applicant  
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.  
Washington, D.C. 20005  
(202) 408-9040

Folio: P57054  
Date: 04/19/4  
I.D.: REB/kf